

Work Order ID 57896

Monday, April 19, 2010 3:36:09 PM

Page 1

Item ID: D407-559-113

Accept

Revision ID:

Item Name: Bearpaw, Large

Start Date: 4/19/2010 Start Qty: 4.00

Required Date: 4/26/2010 Req'd Qty: 4.00

Reference:

Approvals: Process Plan: CL Date: 10/4/20 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D206-559	K

100 0.00



DOCUMENT CONTROL

DC

Memo

Document Control

Photocopy bluefile and create labels per PPPD407-559-113 CHG001

CHG002

S. Solobov

JG For BG 10/66/08

160 0.00



Pick Kit

Packaging

Memo

Packaging

170 0.00



QC4- 100% Inspect kits for completeness

QC

Memo

Quality Control

S. Solobov

P. 4/4/7 (4)

-2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 57896

Monday, April 19, 2010 3:36:09 PM



Page 2

Item ID: D407-559-113

Accept



Setup Start



Revision ID:

Stop



Item Name: Bearpaw, Large

Start Date: 4/19/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 4/26/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180 	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPD407-559-113 Location: <u>A</u>								
190 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

10/06/08

10-6-08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, April 19, 2010 3:36:09 PM

Page 1

Work Order ID: 57896

Parent Item: D407-559-113

Parent Item Name: Bearpaw, Large

Comments: IPP RevA: New issue DD 09.10.29 verified by:EC
IPP RevB: ECN09-698p DD 09.11.03 verified by:EC
as per revision K DD 09.11.24 verified by:EC



IPP RevC:

Start Date: 4/19/2010

Required Date: 4/26/2010

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D2274 <i>200 1</i>		Manufactured	No			160	Each	248.0000	80.0000			
												
Radius Block										<i>57714 794</i>		

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST010

248

54850

100

56686

117

57254

31

D3456-1 *20*

Manufactured No

160

Each

136.0000

8.0000



Washer



Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST058

136

54692

136

D4010-041 *01*

Manufactured No

160

Each

0.0000

8.0000



Bearpaw Assembly



54692

57919

10/6/7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, April 19, 2010 3:36:09 PM

Page 2

Work Order ID: 57896

Parent Item: D407-559-113

Parent Item Name: Bearpaw, Large

Comments: IPP RevA: New issue DD 09.10.29 verified by:EC
IPP RevB: ECN09-698p DD 09.11.03 verified by:EC
as per revision K DD 09.11.24 verified by:EC



IPP RevC:

Start Date: 4/19/2010

Required Date: 4/26/2010

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D4011-1 <i>SP</i>		Manufactured	No			160	Each	115.0000	32.0000			
<i>SP</i> 												<i>Be</i>
Clamp, Short												

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST458 115

53832 46

53978 69

53832

D4011-3 *SP*
SA 
Clamp, Long

Manufactured No

160 Each

56.0000 8.0000



Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST459 56

53833 16

53979 40

53833

D4011-5 *SP*
SA 
Clamp, Short

Manufactured No

160 Each

113.0000 32.0000



Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST459 113

53980 113

53834 *CA/6/17 (4)*

Monday, April 19, 2010 3:36:09 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, April 19, 2010 3:36:09 PM

Page 3

Work Order ID: 57896

Parent Item: D407-559-113

Parent Item Name: Bearpaw, Large

Comments: IPP RevA: New issue DD 09.10.29 verified by:EC
IPP RevB: ECN09-698p DD 09.11.03 verified by:EC
as per revision K DD 09.11.24 verified by:EC



IPP RevC:

Start Date: 4/19/2010

Required Date: 4/26/2010

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D4012-1		Manufactured	No			160	Each	58.0000	40.0000			
												
Cushion												

S-1

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST458 50

53963 10

53981 40

Main Warehouse

ST459 8

53981 8

53963 20
53981 36

AN4C10A 2P

Purchased

No

160

Each

98.0000

8.0000

S-1 Bolt

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST356 98

106302 10

111295 38

112243 50

n106302 5P
n111295 3P

Monday, April 19, 2010 3:36:09 PM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 4

Monday, April 19, 2010 3:36:09 PM

Work Order ID: 57896



Parent Item: D407-559-113



Parent Item Name: Bearpaw, Large

Start Date: 4/19/2010

Required Date: 4/26/2010

Comments: IPP RevA: New issue DD 09.10.29 verified by:EC
IPP RevB: ECN09-698p DD 09.11.03 verified by:EC
as per revision K DD 09.11.24 verified by:EC

IPP RevC:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN4C13A <i>4p</i>		Purchased	No			160	Each	34.0000	16.0000	—		<i>Be</i>
<i>5</i> <i>x4</i> 												
BOLT												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST357

34

113359

20

114108

14

113359

AN4C15A *fp*

Purchased

No

160

Each

72.0000

32.0000



Bolt



✓
6/10/17 (4)

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST358

72

111819

19

113595

41

113603

10

114330

2

111819 18p
111359 14p

Monday, April 19, 2010 3:36:09 PM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, April 19, 2010 3:36:09 PM

Page 5

Work Order ID: 57896

Parent Item: D407-559-113

Parent Item Name: Bearpaw, Large

Comments: IPP RevA: New issue DD 09.10.29 verified by:EC
IPP RevB: ECN09-698p DD 09.11.03 verified by:EC
as per revision K DD 09.11.24 verified by:EC



IPP RevC:

Start Date: 4/19/2010

Required Date: 4/26/2010

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN4C17A 840		Purchased	No			160	Each	51.0000	32.0000			
												
BOLT												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST359 51

113228 7

113339 42

114330 2

MS21043-4 20

Purchased

No

160

Each

1,150.000 80.0000



Nut

Warehouse Loc Qty Loc Code

Location

OFFSHORE

FG 40

104603 40

Main Warehouse

ST301 1110

112492 60

113064 110

113069 40

114181 400

114348 500

m113228 74
m113339 234
m114330 24

LC 14/6/12 (4)

m114181

Monday, April 19, 2010 3:36:09 PM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5.0 PARTS LIST

Qty -011	Qty -013	Qty -021	Qty -023	Qty -031	Qty -033	Qty -113	Part Number	Description
X							D206-559-011	Bearpaw Kit 206 A/B
	X						D206-559-013	Bearpaw Kit 206 L/L1/L3/L4/407
		X					D206-559-021	Narrow Bearpaw Kit 206 A/B
			X				D206-559-023	Narrow Bearpaw Kit 206 L/L1/L3/L4/407
				X			D206-559-031	Wearplate Kit
					X		D206-559-033	Wearplate Kit
						X	D407-559-113	Large Bearpaw Kit 206 L/L1/L3/L4/407
4	6	4	6				D2182B050	RUBBER CUSHION
8	12	8	12			20	D2274	RADIUS BLOCK
2							D2435	19" X 16" BEARPAW
	2						D2432F	19" X 24" BEARPAW
		2					D2671	13" X 16" BEARPAW
			2				D2672F	13" X 24" BEARPAW
4	6	4	6				D2438	CLAMP
8	12	8	12				D2529	WASHER
	6		6				D2732-050	RUBBER CUSHION
						2	D3456-1	WASHER
					2		D3859-041	WEARPLATE
				2			D3860-041	WEARPLATE
						2	D4010-041	BEARPAW ASSEMBLY
						8	D4011-1	CLAMP, SHORT
						2	D4011-3	CLAMP, LONG
						8	D4011-5	CLAMP, SHORT (OEM)
						10	D4012-1	CUSHION
						2	AN4C10A	BOLT
8	12	8	12	8	12		AN4-15A	BOLT
8	12	8	12	8	12		AN4-17A	BOLT
						4	AN4C13A	BOLT
						8	AN4C15A	BOLT
						8	AN4C17A	BOLT
16	24	16	24				AN960JD416	WASHER
8	12	8	12	8	12		MS21042L4	NUT (OR MS21042-4)
						20	MS21043-4	NUT
				8	12		NAS1149D0463J	WASHER
2		2					QS200M44S	CLAMP

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 57896

Monday, April 19, 2010 3:36:09 PM



Page 1

Item ID: D407-559-113

Accept



Setup Start



Revision ID:

Stop



Item Name: Bearpaw, Large

Start Date: 4/19/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 4/26/2010 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan: CL

Date: 10/4/20

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

IIN-D206-559	K
--------------	---

100



DOCUMENT CONTROL

0.00

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPPD407-559-113

CHG001

CHL7002

Subobolus

For BG 10/06/08

160



Pick Kit

0.00

Packaging

Memo

0.00

Packaging

Per 4/4/7 (4)

170



QC4- 100% Inspect kits for completeness

0.00

QC

Memo

0.00

Quality Control

Subobolus

4/07/09
PTO

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
11/02/09	170	Box were opened, new stickers were applied and then contents were verified and boxes repacked.	Sh	11/02/09	3.	U 11-02-09	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 57896

Monday, April 19, 2010 3:36:09 PM



Page 2

Item ID: D407-559-113

Accept



Setup Start



Revision ID:

Stop



Item Name: Bearpaw, Large

Start Date: 4/19/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 4/26/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

180

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPPD407-559-113

Location: A

190

0.00



QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

11-02-08
FG 27.

10/06/08

10-6-08

Dr 11/02/08